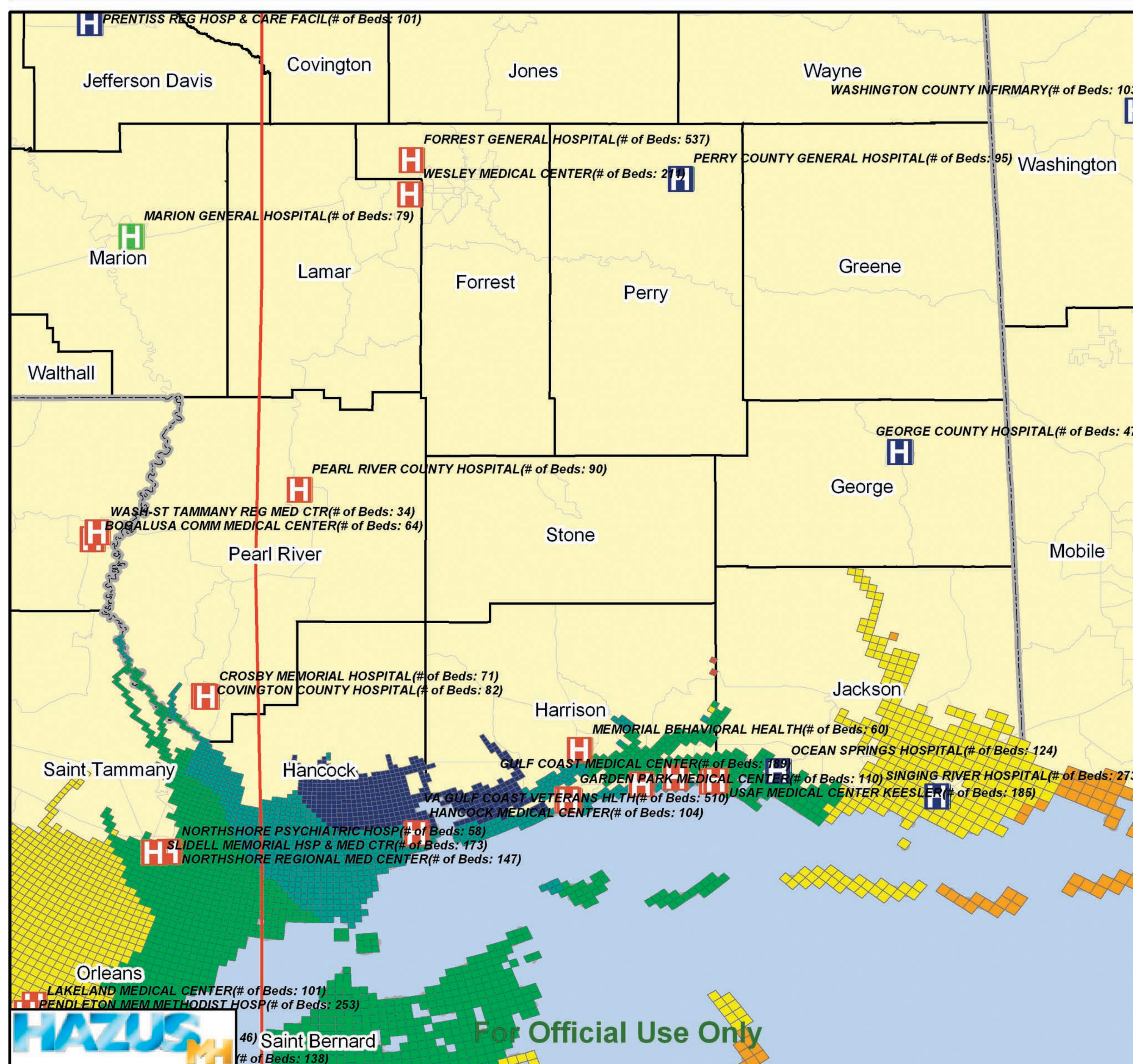


Potential Loss of Functionality: Hospitals

Hurricane Katrina



Hospitals - Potential Loss of Functionality: Hurricane Katrina



Final Windfield - ARA 31d 9-8-05

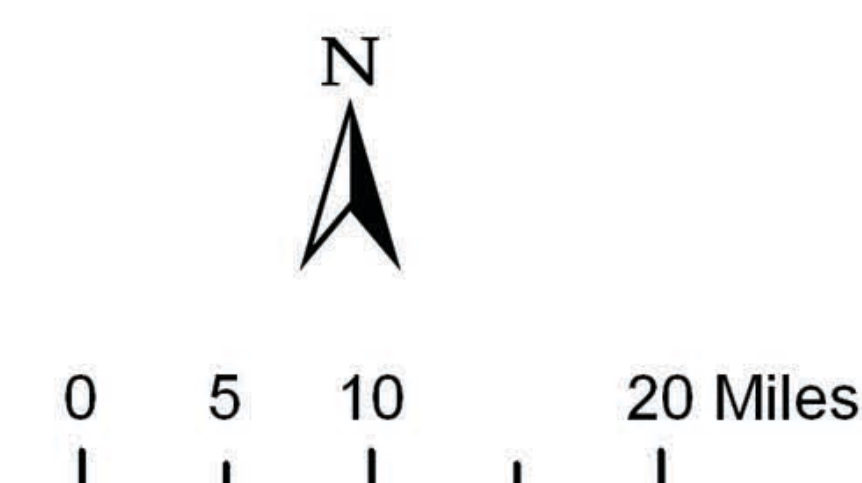
Impaired Functionality (Days)

- H < 3
- H 3 - 7
- H > 7

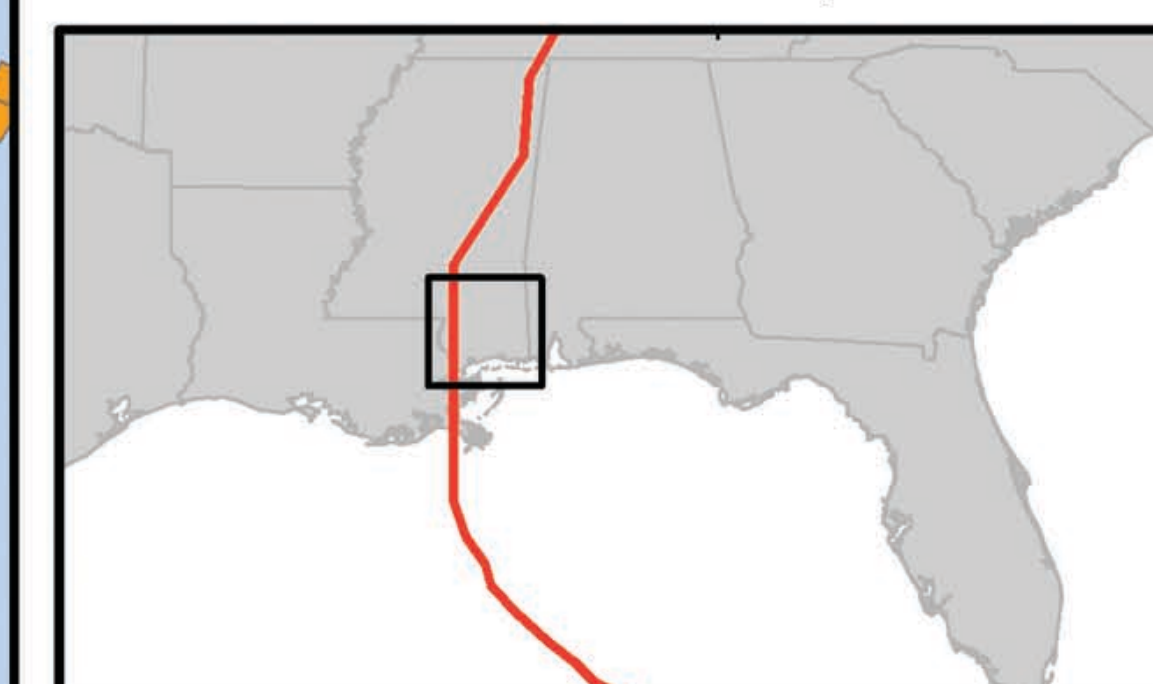
- County Boundaries
- State Boundaries

Storm Surge (Feet) Slosh Model - Advisory 27

- 0.6 - 5.0
- 5.1 - 10.0
- 10.1 - 15.0
- 15.1 - 20.0
- 20.1 - 25.0
- 25.1 - 30.0



Location Map



Data and Analysis Displayed:

This map displays potential loss of functionality (in days) for hospitals within close proximity to landfall of Hurricane Katrina. It also displays the estimated surge inundation from the National Hurricane Center Slosh Model. The purpose of this map is to identify potential damages to hospitals due to wind speeds and to identify potential exposure to storm surge. Hospitals play a critical role during the response to any event and it is important to identify the potential loss of these resources. This map helps to identify regional resources/capacity and potential deployment locations for National Disaster Medical System teams and other medical needs. This map will also help to identify emergency needs as hospitals house vulnerable populations.

HAZUS-MH: FEMA's Software Program for Estimating Potential Losses from Disasters

HAZUS-MH uses state-of-the-art geographic information system software to map and display hazard data and the results of damage and economic loss estimates for buildings and infrastructure. It also allows users to estimate the impacts of earthquakes, floods, and hurricane winds on populations. Estimating losses is essential to decision-making at all levels of government, providing a basis for developing mitigation plans and policies, emergency preparedness, and response and recovery planning.

For more information about HAZUS visit:
www.fema.gov/plan/prevent/hazus/hz_overview.shtm

DATA SOURCES: HAZUS-MH (Loss Estimation Software Developed by FEMA); American Hospital Association (AHA); Applied Research Associates (ARA); National Hurricane Center



FEMA